| Inde | ex of Claims |
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|      |              |

Application/Control No.

10/607,525

Examiner

Erik Kielin

Date

Applicant(s)/Patent under Reexamination

DUBIN, VALERY M.
Art Unit

2813

| 1 | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

Claim

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| ı | Interference |

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| Final       | Original                         | 3/26/05  | 6/22/05 |  |  |  |  |              |              |          |  |
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|             | 5                                | +        | 1       |  | _  | _  |  |              |              |          |  |
| $\vdash$    | 2<br>3<br>4<br>5<br>6            | +        | 0       | $\vdash$   | _  |  |  | _            |              |          |  |
|             | 7                                | ÷        | 0       |  |  |  |  | _            |              |          |  |
|             | 8                                | ÷        | 0       | -  |  | $\vdash$   |  |              |              | П        |  |
|             | 9                                | ÷        | 0       |  |  | $\vdash$   | -  |              |              |          |  |
|             | 10                               | +        | 0       |  |  |  |  |              | _            |          |  |
|             | 11                               | ÷        | 0       |  |  |  |  |              |              |          |  |
|             | 11<br>12                         | ÷        | 0       |  |  |  | П  |              |              | $\Box$   |  |
|             | 13                               | ÷        | 0       |  | -  |  |  |              |              |          |  |
|             | 14                               | ÷        | 0       |  |  |  |  |              |              |          |  |
|             | 15                               | ÷        | 0       |  |  |  |  |              |              |          |  |
|             | 13<br>14<br>15<br>16<br>17<br>18 | ÷        | 0       |  |  |  |  |              |              |          |  |
|             | 17                               | ÷        | 0       |  |  |  |  |              |              |          |  |
|             | 18                               | ÷        | 1       |  |  |  |  |              |              |          |  |
|             | 19                               | ÷        | V       |  |  |  |  |              |              |          |  |
|             | 20                               | ÷        | 1       |  |  |  |  |              |              |          |  |
|             | 21                               | ÷        | 1       |  |  |  |  |              |              |          |  |
|             | 22<br>23                         | ÷        | 1       |  |  |  |  |              |              |          |  |
|             | 23                               | ÷        | V       |  |  |  |  |              |              |          |  |
|             | 24<br>25                         | ÷        | √       |  |  |  |  |              |              |          |  |
|             | 25                               | N        | N       |  |  |  |  |              | ·            |          |  |
|             | 26                               | N        | N       |  | L  | _  |  |              |              |          |  |
|             | 27                               | N        | Ν       | <u>_</u>   |  | _  |  | L            | L            |          |  |
| <u> </u>    | 28                               | Z        | И       | $ldsymbol{ld}}}}}}$ |  | _  |  | L.           |              |          |  |
|             | 29                               | Ŋ        | N       | <u> </u>   | L  | <u></u>  |  | <u> </u>     |              |          |  |
|             | 30                               | N        | N       | <u> </u>   |  |  | _  | _            |              | Ш        |  |
|             | 31                               | N        | N       | ļ  |  |  |  | _            |              | Щ        |  |
|             | 32<br>33                         | Z        | N       |  |  | _  |  | _            |              | Ш        |  |
| <u> </u>    | 33                               | N        | N       |  |  | _  |  | <u> </u>     | _            |          |  |
| <u> </u>    | 34                               | Z        | N       | $\vdash$   | $\vdash$   | <u> </u>   |  |              |              | $\sqcup$ |  |
| <b> </b>    | 35                               | N        | N       | $\vdash$   | H  | <u> </u>   | <u> </u>   | <del> </del> | -            |          |  |
| ļ           | 36                               | ÷        | 1       | <u> </u>   | H  | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | $\vdash$ |  |
|             | 37                               | ÷        | 1       | $\vdash$   | $\vdash$   | $\vdash$   | <u> </u>   | -            |              |          |  |
| <u> </u>    | 38<br><b>39</b>                  | ÷        | N       | ⊢  | <del>                                     </del> | <u> </u>   |  |              | <del> </del> | $\vdash$ |  |
|             |                                  | _        | N       |  | -  | -  |  | -            | $\vdash$     | $\vdash$ |  |
| $\vdash$    | 40                               | ÷        | N       | -  | <u> </u>   | -  | -  | -            | $\vdash$     | $\vdash$ |  |
|             | 42                               | +        | N       | $\vdash$   | $\vdash$   | $\vdash$   | <del> </del>                                     | <del> </del> |              | $\vdash$ |  |
| <del></del> | 43                               | ÷        | N       |  | -  |  | -  | $\vdash$     | -            | $\vdash$ |  |
|             | 44                               | ÷        | N       | $\vdash$   | $\vdash$   | $\vdash$   | <u> </u>   | -            | -            | $\vdash$ |  |
| <del></del> | 45                               | ÷        | N       |  | -  | <del> </del>                                     | H  | $\vdash$     |              | $\vdash$ |  |
| $\vdash$    | 46                               | +        | N       | $\vdash$   |  | $\vdash$   | $\vdash$   | ├─           |              | $\vdash$ |  |
| <b></b>     | 47                               | ÷        | N       | <del> </del>   |  | <del>                                     </del> |  | $\vdash$     |              | Н        |  |
| <u> </u>    | 48                               | ÷        | N       | $\vdash$   |  | $\vdash$   | <del>                                     </del> | $\vdash$     |              | Н        |  |
| -           | 49                               | ÷        | N       | $\vdash$   | <u> </u>   | <del>                                     </del> | _  |              | $\vdash$     | Н        |  |
| <b></b> -   | 50                               | ÷        | N       | Ι-   | 一  | -  | _  | <u> </u>     |              | Н        |  |
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| Final       | Original   | 3/26/05  | 6/22/05  |          |          |          |            |              |              |                 |
|             | 51   | +  | N        |          |          |          |            | _            |              |                 |
|             | 52   | +  | ZZ       | Н        |          |          | -          | _            | _            | $\vdash$        |
|             | 51<br>52<br>53   | ÷  | Z        | Н        | _        | -        |            |              | _            | $\dashv$        |
|             | 54   | ÷  | Z        |          | _        | -        |            |              |              | $\dashv$        |
|             | 54<br>55   | +  | 2 2      | -        | -        | Н        |            | -            |              | $\dashv$        |
|             | 56   | ÷  |          | Н        | -        | Н        |            | -            |              | $\dashv$        |
|             | 56<br>57<br>58   | +  | 2 2      |          |          |          |            |              |              | $\vdash$        |
|             | 58   | ÷  | Z        | -        | Н        |          | _          |              | _            | $\vdash$        |
|             | 59   | +  | 2        |          | $\vdash$ | _        | _          |              |              | $\vdash$        |
|             | 60   |  | Z        |          |          | -        | _          | _            | -            | -               |
|             | 61   | +  | N        |          | -        |          |            |              |              | $\vdash$        |
|             | 62   | ÷  | N        |          |          |          | _          |              |              |                 |
|             | 63   | ÷  | Z        | -        |          | _        | -          |              |              |                 |
|             | 64   | N  | N        |          |          |          |            |              | -            |                 |
|             | 64   | NI   | 14       |          |          | -        | <u> </u>   |              |              | $\vdash \vdash$ |
| <b></b>     | 65<br>66   | N<br>N   | N<br>N   | $\vdash$ |          |          | <u> </u>   | -            | -            | $\dashv$        |
|             | 67   | N  | N        |          |          |          | _          |              | -            |                 |
|             | 67   | N  | N<br>N   | -        | _        | _        | _          |              |              | -               |
|             | 68<br>69   | N<br>N   | IN.      |          | -        |          |            |              | _            | $\vdash$        |
|             | 70   |  | IN       | H        |          | _        |            |              | _            | Н               |
| _           | 70   | N  | N        |          |          | _        |            |              |              | Н               |
|             | 70   | N  | N        |          |          | $\vdash$ | _          |              |              |                 |
|             | 72   | N  | N        |          |          | -        |            |              |              | Н               |
|             | 73   | N  | N<br>N   |          |          |          |            | _            |              | Н               |
|             | 74   | N  | N        |          |          |          | _          | _            |              |                 |
|             | 75   | N  | N        |          |          |          |            |              |              |                 |
|             | 70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 | N  | N        |          |          | _        | _          |              | -            |                 |
|             | 70   | _  | <u> </u> |          |          |          |            |              |              |                 |
| <u> </u>    | 78   | <u> </u>   | ┝        | _        | _        | _        |            |              |              | Н               |
|             | 79   | <u> </u>   | ┝        |          | -        |          | —          | _            |              | Н               |
| <u> </u>    | 80   | -  |          |          | -        |          |            |              |              | Н               |
| <u> </u>    | 81   |  |          | _        |          |          |            |              |              | Н               |
|             | 82   |  |          | -        |          |          |            |              |              | Н               |
| -           | 83   | <del> </del>                                     |          | -        |          | $\vdash$ | _          | $\vdash$     | _            | Н               |
| $\vdash$    | 84<br>85   | $\vdash$   |          | -        | -        |          | <b> </b> - |              | -            | $\vdash\vdash$  |
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|             | 86<br>87   | $\vdash$   | -        | $\vdash$ | $\vdash$ | $\vdash$ |            |              |              | -               |
|             | 88   | -  | $\vdash$ | $\vdash$ |          |          |            |              |              | $\vdash$        |
|             | 89   | $\vdash$   | ┢        |          | -        |          |            |              |              |                 |
|             | 90   | $\vdash$   | $\vdash$ | -        | _        | -        |            |              |              |                 |
|             | 91   |  | -        |          |          |          |            | -            |              | Н               |
|             | 92   | <del> </del>                                     |          |          |          |          | -          | $\vdash$     | -            | $\vdash$        |
| _           | 93   | $\vdash$   |          | $\vdash$ |          |          | $\vdash$   | <del>-</del> | $\vdash$     | $\vdash$        |
| <del></del> | 94   | <del>                                     </del> | $\vdash$ |          |          |          | $\vdash$   |              | $\vdash$     | Н               |
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|             | 96   | $\vdash$   | <u> </u> |          | $\vdash$ |          | $\vdash$   |              | $\vdash$     |                 |
| <u> </u>    | 97   |  |          | $\vdash$ | $\vdash$ |          | $\vdash$   |              |              |                 |
|             | 98   | $\vdash$   |          | $\vdash$ | $\vdash$ |          | $\vdash$   | $\vdash$     | $\vdash$     |                 |
|             | 99   |  |          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     |              |                 |
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| Final         |  |                                     |  |              |              | Date   |  |                | -              |              |
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| Final         | ~  |                                     |  |              |              |  |  |                |                |              |
| <u>≘</u>      | Li<br>Li   |                                     |  |              |              |  |  |                |                |              |
|               | Original   |                                     |  |              |              |  |  |                |                |              |
| -             | ŏ  |                                     |  |              |              |  |  |                |                |              |
|               |  |                                     |  |              |              |  |  |                |                |              |
|               | 101  |                                     |  |              |              |  |  |                |                | Ш            |
|               | 102  |                                     |  |              |              |  |  |                |                |              |
|               | 103  |                                     |  |              |              |  |  |                |                |              |
|               | 104  |                                     |  |              |              |  |  |                |                |              |
|               | 105  |                                     |  |              |              |  |  |                |                |              |
|               | 106  |                                     | _  |              |              |  |  |                |                |              |
|               | 107  |                                     |  |              |              |  |  | -              |                |              |
| $\vdash$      | 107  |                                     | $\vdash$   | _            |              | -  | _  | -              |                | _            |
|               | 108<br>109   |                                     |  |              |              |  |  |                |                |              |
|               | 109  | _                                   | <u> </u>   |              | -            | _  | _  | L              |                |              |
|               | 110  |                                     |  |              |              |  |  | _              |                |              |
|               | 111  |                                     | Ŀ  |              |              |  |  |                |                |              |
|               | 111<br>112   | L                                   |  |              | L            | _  | L  |                |                |              |
| П             | 113  |                                     |  |              |              |  |  |                |                |              |
| П             | 114<br>115<br>116<br>117                             |                                     |  | T            | Ι_           | <u> </u>   | Γ  | Г              |                |              |
| $\Box$        | 115  | _                                   |  | T            | Г            | Г  | Г  |                | Г              | П            |
|               | 116  |                                     | $\vdash$   |              |              |  | $\vdash$   |                | $\vdash$       |              |
|               | 117  | $\vdash$                            |  | $\vdash$     | $\vdash$     | $\vdash$   | -  | -              |                |              |
| $\vdash$      | 117  | ⊢                                   | $\vdash$   | ├            | <del> </del> | -  | -  |                | ├              |              |
|               | 118  | <del> </del>                        |  |              |              |  | <u> </u>   | -              | _              |              |
|               | 119<br>120<br>121                                    | _                                   |  | <u> </u>     | _            |  | <u> </u>   | _              | _              |              |
| oxdot         | 120  |                                     |  | _            |              |  |  |                |                |              |
|               | 121  |                                     |  | L            |              |  |  |                |                |              |
|               | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |                                     |  |              |              |  |  |                |                |              |
|               | 123  |                                     |  | Π            | Π            |  |  |                |                |              |
|               | 124  | Г                                   |  |              |              |  |  |                |                |              |
|               | 125  | <u> </u>                            |  |              | $\vdash$     | _  | -  |                |                | $\vdash$     |
|               | 126  | $\vdash$                            | <del>                                     </del> | 1            | _            |  |  | _              |                | ·            |
| $\vdash$      | 127  | $\vdash$                            |  | $\vdash$     | $\vdash$     | -  |  | -              | <del> </del>   | $\vdash$     |
| $\vdash$      | 127  | $\vdash$                            | _  | ┝            | -            |  |  |                | $\vdash$       | -            |
|               | 120  | _                                   |  | <del> </del> | -            | -  |  | _              | _              |              |
|               | 129  |                                     | <u> </u>   |              | ļ            | _  | _  |                |                | <u> </u>     |
|               | 130<br>131   | <u> </u>                            |  | L            |              |  |  |                |                | <u> </u>     |
| L             | 131  |                                     |  |              |              |  |  |                |                |              |
|               | 132  |                                     |  |              |              |  |  |                |                |              |
|               | 133  |                                     |  |              |              |  |  |                |                |              |
| П             | 133<br>134   |                                     |  | П            |              |  |  |                |                |              |
|               | 135  | _                                   | _  | <u> </u>     |              |  |  |                | Г              |              |
|               | 135<br>136   |                                     | $\vdash$   | _            |              | $\vdash$   | $\vdash$   | -              | $\vdash$       |              |
| <del>  </del> | 137  | $\vdash$                            | $\vdash$   | $\vdash$     | -            |  | -  | -              | $\vdash$       |              |
|               | 137  | $\vdash$                            | <u> </u>   | $\vdash$     | -            |  | <del> </del>                                     | ⊢              | $\vdash$       | $\vdash$     |
|               | 138<br>139   | <del> </del> —                      | $\vdash$   | -            | -            |  | ├  | <del> </del> — | <del> </del>   | -            |
| <b></b>       | 139  | <u> </u>                            |  | <u> </u>     | _            |  | <del> </del>                                     |                | <del> </del> — | _            |
|               | 140  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | L_           | <u> </u>     |  | <u> </u>   | _              |                |              |
|               | 141  | <u>_</u>                            | L  | _            |              | <u></u>  | <u> </u>   |                |                | $oxed{oxed}$ |
|               | 142  |                                     |  |              | L            | L  | L  |                | L              |              |
|               | 143  |                                     |  | Γ            |              |  |  |                | <u> </u>       |              |
|               | 144  |                                     |  |              | П            | Γ  | Π  | $\Box$         | T              | Г            |
|               | 145  | $\vdash$                            |  |              | Т            | <del>                                     </del> | <del>                                     </del> | T              | t              | T            |
|               | 146  |                                     | $\vdash$   | $\vdash$     | <del> </del> | <del>                                     </del> | $\vdash$   | $\vdash$       | $\vdash$       | $\vdash$     |
| -             |  |                                     | -  | -            | -            | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$       | $\vdash$     |
| <u> </u>      | 147  |                                     | -  | ├            | -            | -  | $\vdash$   | -              | -              | -            |
|               | 148  | <u> </u>                            |  | <b>├</b>     | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>       | -            |
|               | 149  | _                                   | _  | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>   | <u>_</u>       | L              | _            |
|               | 150  |                                     | L  | L            |              | L  |  |                | L.             | L            |